

## ABSTRACT OF THE DISCLOSURE

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The present invention provides a system for managing a  
5 manufacturing processes including at least a batch-process for a batch  
which comprises plural product lots. The system comprises : a host  
computer ; at least a batch-manufacturing apparatus for carrying out a  
batch-process under control of the host computer ; at least a stoker for  
storing the plural product lots ; at least a carrier for carrying the plural  
10 product lots between the batch-manufacturing apparatus and the stoker  
under control of the host computer, wherein a loading request is transferred  
from the batch-manufacturing apparatus to a host computer, and the host  
computer retrieves batch-processable product lots to form a batch of plural  
batch-processable product lots, and the batch-manufacturing apparatus  
15 verifies whether or not a lot number of the batch reaches a predetermined  
maximum batch-lot number, and an additional loading request is sent from  
the batch-manufacturing apparatus to the host computer, and the host  
computer is further retrieved whether or not any further additional  
batch-processable product lot is present, and the additional  
20 batch-processable product lot is carried to the batch-manufacturing  
apparatus to add the additional batch-processable product lot to the batch.